

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): VAN SCHAIK et al.

Appln. No.: 09 988,830

Series Code ↑

Serial No.

Filed: November 19, 2001

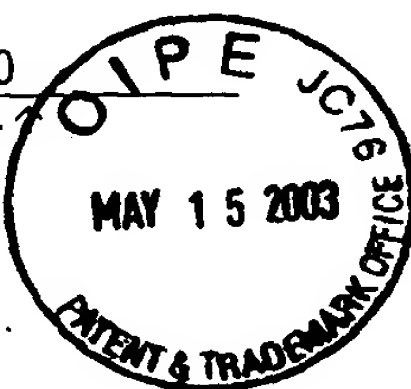
Mail Stop Non-Fee Amendment

Hon. Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Sir:



Group Art. 2851

Examiner: Nguyen, Hung

Atty. Dkt. P 284105

P-0294.000-US

M#

Client Ref

Appln. Title: LITHOGRAPHIC PROJECTION  
APPARATUS, DEVICE  
MANUFACTURING METHOD, DEVICE  
MANUFACTURED THEREBY,  
CLEANING UNIT AND METHOD OF  
CLEANING CONTAMINATED  
OBJECTS

Date: May 15, 2003

**REPLY/AMENDMENT/LETTER**

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

1. Small Entity claim

- A. ☒ NOT made  
B. ☐ Withdrawn  
C. ☐ made herewith  
D. ☐ made previously

For B & C  
See **Required  
Separate Paper**  
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	14	**minus 20	0	x \$18/\$9 = + \$0	103/203
3. Independent Claims	4	***minus 4	0	x \$84/\$42 = + \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) .....		add	+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: April 16, 2003	<input type="checkbox"/> NONE				
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$410/\$205 = \$930/\$465 = \$1,450/\$725 = \$1,970/\$985 =	+ \$110		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0			
8.			Extension Fee	+ \$110	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....		+ \$110/\$55	+ \$0		148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....	add	+ \$180	+ \$0		126
or if Rule 97(d) Request .....	add	+ \$180			126
11. After-Final Request Fee per rules 129(a) and 17(r) .....		+ \$750/370	+ \$0		146/246
12. No. of additional inventions for examination per Rule 129(b) .....		x \$750/375 ea	+ \$0		149/249
13. Request for Continued Examination (RCE) .....		+ \$750/375	+ \$0		1179/1279
14. Petition fee for .....			+ \$0		

TOTAL FEE =

\$110

**PLEASE CHARGE  
OUR DEP. ACCT**

15.

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 81468

C#

284105

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT **does not authorize** charge of the **issue fee** until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Robert C. Perez

Sig:

Reg. No. 39,328

Fax: (703) 905-2500

Tel: (703) 905-2159

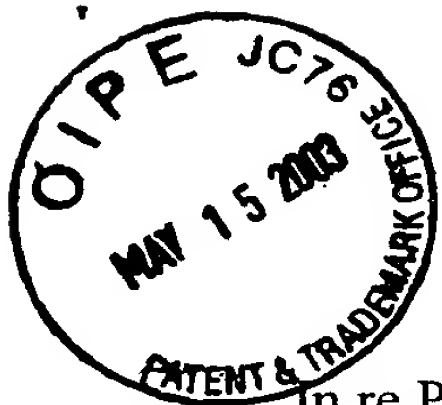
P.O. Box 10500

McLean, VA 22102

Tel: (703) 905-2000

Atty/Sec: RP/VVK

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



#9  
+ Reg  
Est.  
Time  
5-21-03  
L. Spruell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

VAN SCHAIK et al.

Appln. No.: 09/988,830

Filed: November 19, 2001

Confirmation No.: 8828

Group Art Unit: 2851

Examiner: Nguyen, Hung

See OK

Title: LITHOGRAPHIC PROJECTION APPARATUS, DEVICE MANUFACTURING METHOD, DEVICE MANUFACTURED THEREBY, CLEANING UNIT AND METHOD OF CLEANING CONTAMINATED OBJECTS

May 15, 2003

\* \* \* \* \*

AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 16, 2003, please enter the following amendments and remarks

IN THE SPECIFICATION:

Please amend paragraph [0038] as follows:

The beam PB subsequently intercepts the mask MA which is held on a mask table MT. Having been selectively reflected by the mask MA, the beam PB traverses the lens PL, which focuses the beam PB onto an exposure area C of the substrate W. With the aid of the interferometric displacement measuring means IF, the substrate table WT can be moved accurately by the second positioning means, e.g. so as to position different exposure areas C in the path of the beam PB using wafer alignment marks P1, P2. Similarly, the first positioning means can be used to accurately position the mask MA using mask alignment marks M1, M2 with respect to the path of the beam PB. In general, movement of the object tables MT, WT will be realized with the aid of a long-stroke module (course positioning) and a short-stroke module (fine positioning), which are not explicitly depicted in Figure 1. In the case of a waferstepper (as opposed to a step-and-scan apparatus) the mask table may be

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